



State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES

6 Hazen Drive, P.O. Box 95, Concord, NH 03302-0095
(603) 271-3406 FAX (603) 271-7894



May 7, 2002
Letter of Deficiency
DAM #150.34

Mr. Stephen P. St. Cyr, Manager
Bodwell Waste Services Corporation
P.O. Box 10831
Bedford, NH 03110

RE: Rose Cliff Detention Pond, Manchester

Dear Mr. St. Cyr:

The Department of Environmental Services, Dam Bureau (DES) consistently strives to enhance the safety of dams in New Hampshire through its dam safety program. One of the many instruments that plays a part in reaching this goal is our inspection program. DES is forwarding this correspondence to you to advise you that in accordance with RSA 482:12 and Env-Wr 502.02, an inspection of the subject dam was conducted on April 2, 2002. During this visual inspection and/or file review, the following deficiencies were observed:

1. The entire upstream face is covered with trees and brush;
2. The earthen portion of the dam crest to the left and right of the rip rap spillway is uneven and rutted from foot traffic;
3. The rip rap within the spillway is sparse and appears to be displaced from foot traffic;
4. There is brush growth on the entire downstream face of the dam;
5. The 24 inch pipe is partially clogged with debris; and
6. There is no operations and maintenance plan on file with the DES.

DES believes that the above deficiencies can be corrected by performing the following items by the indicated schedule:

August 1, 2002:

1. Remove the brush from the upstream and downstream faces of the dam embankment;
2. Re-grade the crest of the dam maintaining a flat event crest at the design elevation;
3. Re-shape and add rip rap protection to the overflow spillway section. It is recommended that the dam area be fenced off to prevent foot traffic from causing further damage to the embankment and spillway areas;
4. Remove the debris from 24 inch RCP pipe inlet; and

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5. Prepare and submit to the DES a written operational procedure plan. The plan should describe the control of impoundment levels, monitoring and maintenance procedures, and identify emergency contact personnel.

DES is requesting that you complete and submit the attached "Intent to Complete Repairs" form, within 30 days of receipt of this letter, that will provide for correction of the identified deficiencies by the date(s) indicated above. If you believe changes to the items of work or dates are necessary, please make the changes directly on the form and provide a brief explanation. We have enclosed a self addressed stamped envelope for you to return this form.

Our intent in sending you this correspondence is to make you aware of items that DES believes warrant your attention to insure the continued safe operation of your dam. It is our hope that, through the submittal of the attached form and a commitment to keeping a well-maintained dam, you will voluntarily comply with the requested items of work. If we do not receive the intent form or a similarly adequate written reply, we will assume that you are in agreement with our findings and recommendations and DES will carry out follow-up inspections accordingly.

If you have any questions or comments regarding this Letter of Deficiency or would like to be present at future inspections, please contact me at 271-3406, or write to the Water Division at the address listed on the top of the previous page.

Sincerely,

COPY

Jeffrey M. Blaney
Dam Safety Engineer

Attachments Guideline for an O&M plan, DB8, DB13
cc: Gretchen Rule

Town of Manchester
Certified # 7099 3400 0002 9773 7214
JMB/was/h:/safety/wendy/lod/150-34lod.doc